

SEQUENCE LISTING

0> INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA)

GAUTIER, Marie-Françoise

IHORAI, Tania

JOUDRIER, Philippe

0> PROMOTER OF THIOREDOXINE TaTrxh2 IN

-EAT

0> ORES10.001APC

0> UNKNOWN

1> 2001-11-19

0> FR 9906231

1> 1999-05-17

0> PCT/FR00/01318

1> 2000-05-17

0> 2

0> FastSEQ for Windows Version 4.0

0> 1

1> 2687

2> DNA

3> Triticum aestivum

0>

1> exon

2> (1112)...(1231)

1> intron

2> (1232)...(2203)

1> exon

2> (2204)...(2326)

1> intron

2> (2327)...(2420)

1> exon

2> (2421)...(2558)

1> CDS

2> (1112)...(1231)

1> CDS

2> (2204)...(2326)

1> CDS

22> (2421)...(2558)

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aagtctt agtcagctgg ctataagatg ttccacatca gcaaatcctt aaactggagg 420
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Met Ala Ala Ser Ala Ala Thr

1

5

acg gcg gcg gcg gtg ggg gcg ggg gag gtg atc tcc gtc cac acc 1180
Thr Ala Ala Ala Val Gly Ala Gly Glu Val Ile Ser Val His Thr

10

15

20

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Glu Gln Trp Thr Met Gln Ile Glu Glu Ala Asn Ala Ala Lys Lys

25

30

35

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cctgtc gtttgaaca gg tgg tgg ttg act tca ctg cat cat ggt gtg 2233

Trp Trp Leu Thr Ser Leu His His Gly Val

45

50

: cat gcc gca tca tgg ctc cag ttt tgc ctg atc tgc cca aga agt 2281
His Ala Ala Ser Trp Leu Gln Phe Ser Leu Ile Ser Pro Arg Ser
55 60 65

caa atg ctg ttt tcc tca agg tgc atg tgc atg aac tga agg 2326
Gln Met Leu Phe Ser Ser Arg Ser Met Ser Met Asn * Arg
70 75 80

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actaac aagggtttat gttgatgaa cagc cca ttg cgg agc aat tca gcg 2441
Pro Leu Arg Ser Asn Ser Ala
85

agg cca tgc caa cct tcc tgt tca tta agg aag gag atg tca agg 2489
Arg Pro Cys Gln Pro Ser Cys Ser Leu Arg Lys Glu Met Ser Arg
90 95 100

ggg ttg tgg gag cta tca agg agg aac tga cga aca agg ttg ggc 2537
Gly Leu Trp Glu Leu Ser Arg Arg Asn * Arg Thr Arg Leu Gly
105 110 115

acg cgg cgg ccc agt aat cacctagcgg agtagtattc gcctaaataa 2588
Thr Arg Arg Pro Ser Asn
120 125

tgtggct caagaagcgg tgcctctaata ggcaccttat atcctgtgta ctgcttgta 2648
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l0> 2
l1> 1111
l2> DNA
l3> Triticum aestivum

l0> 2
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igtatgc ctttctctgc atctttctc atgcaagcat taaatactat agctaacta 600
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ccgggat tggagacaga gccacaagg caacaacaaa gtgcgcgtga gaaatcaaca 1080
gtgtctt gccgagaaga gagagagaga g 1111